

Status Of Claims

Claim 1 (pending) An ultraviolet radiation absorbing coating system comprising a first inner synthetic resinous layer having an ultraviolet radiation absorber having an ultraviolet cutoff lower than about 385 nanometers, and a fluorescent material which reflects ultraviolet radiation of wave length above 385 nanometers; and a second outer layer overlying said first inner layer and having an ultraviolet radiation absorbent material which blocks at least some ultraviolet radiation of wavelength above 385 nm to reduce reflection in said fluorescent material.

Claim 2 (pending) A system in accordance with claim 1, in which said first and second layers are applied to oppositely disposed surfaces of a synthetic resinous film.

Claim 3 (pending) A system in accordance with claim 2, in which said film includes an adhesive on an exposed surface of said first layer for application to a printed surface of a protected substrate.

Claims 4 - 6 (canceled)

Claim 7 (new) An ultraviolet absorbing coating system in accordance with claim 1, including first and second inner and outer coatings of the following formulation.

Ratios are based on weight. Solvents are used to dilute this coating formulation to achieve a 9-10 micron film thickness for this example. Various surfactants are used for leveling.

Inner Coating

Acrylic resin	84.03% by weight total solids
Optical brightener	9.24% by weight total solids
Ultraviolet absorber	6.73% by weight total solids

Outer Coating

Polysiloxane resin	97% by weight of total solids
Ultraviolet absorber	3% by weight of total solids

Claim 8 (new) An ultraviolet absorbing coating system in accordance with claim 1, including first and second inner and outer coatings of the following formulation.

Parts are by weight of solids.

Inner Coating

Acrylic resin	84.03% by weight solids
Optical brightener	9.24% by weight solids
Ultraviolet absorber	6.73% by weight solids

Outer Coating

Isocyanate	34.88% by weight solids
Polyol	62.02% by weight solids
Dibutyltindilaurate	0.1% by weight solids
Ultraviolet absorber	3.0% by weight solids

Claim 9 (new) An ultraviolet absorbing coating system in accordance with claim 1, said first and second coatings having the following formulation:

Inner Coating

Acrylic resin	77.52% by weight solids
Ultraviolet absorber	6.2% by weight solids
Triethanolamine	7.75% by weight liquid
Optical brightener quencher	8.53% by weight solids

Outer Coating

Silicone resin	97% by weight solids
Ultraviolet absorber	3% by weight solids.

Claim 10 (new) An ultraviolet radiation absorbing coating system in accordance with claim 1, said inner layer being of a thickness ranging from 9 to 15 microns, said outer layer ranging in thickness from 3 to 5 microns.

Claim 11 (new) An ultraviolet absorbing coating system in accordance with claim 1, including a substrate, said outer coating being applied to one surface of said substrate, said inner coating being applied to a second opposite surface of said substrate.